

Author Index Volumes 107–112

- Abouchami, W., see Lapierre, H. et al. 108: 61
- Ajie, H.O., Hauschka, P.V., Kaplan, I.R. and Sobel, H., Comparison of bone collagen and osteocalcin for determination of radiocarbon ages and paleodietary reconstruction 107: 380
- Albarède, F., see Chaussidon, M. and Albarède, F. 108: 229
- Allard, P., see Le Cloarec, M.F. et al. 108: 19
- Allègre, C.-J., see Pegram, W.J. and Allègre, C.-J. 111: 59
- Allègre, C.J., see Luck, J.-M. and Allègre, C.J. 107: 406
- Amakawa, H., Shimizu, H. and Masuda, A., Reply to comment by H. Elderfield on "Isotopic composition of Ce, Nd and Sr in ferromanganese nodules from the Pacific and Atlantic Oceans, the Baltic and Barents Seas, and the Gulf of Bothnia" 111: 563
- Ardouin, B., see Le Cloarec, M.F. et al. 108: 19
- Armijo, R., see Francheteau, J. et al. 111: 109
- Arnaud, N.O., Vidal, Ph., Tapponnier, P., Matte, Ph. and Deng, W.M., The high K₂O volcanism of northwestern Tibet: Geochemistry and tectonic implications 111: 351
- Arndt, N.T., see Jochum, K.P. et al. 107: 272
- Arnold, M., see Stiros, S.C. et al. 108: 109
- Ashi, J., see Kobayashi, K. et al. 109: 347
- Ayliffe, L.K., Veeh, H.H. and Chivas, A.R., Oxygen isotopes of phosphate and the origin of island apatite deposits 108: 119
- Balanyá, J.C., see Torné, M. et al. 110: 163
- Banda, E., see Torné, M. et al. 110: 163
- Banner, J.L., Wasserburg, G.J., Chen, J.H. and Humphrey, J.D., Uranium-series evidence on diagenesis and hydrology in Pleistocene carbonates of Barbados, West Indies 107: 129
- Banner, J.L., Wasserburg, G.J., Chen, J.H. and Humphrey, J.D., Uranium-series evidence on diagenesis and hydrology in Pleistocene carbonates of Barbados, West Indies (erratum) 108: 307
- Bansal, B.M., see Shih, C.-Y. et al. 108: 203
- Barnola, J.-M., see Martinerie, P. et al. 112: 1
- Beck, C., see Lallemand, S.E. et al. 109: 333
- Bédard, J.H., Kerr, R.C. and Hallworth, M.A., Porous sidewall and sloping floor crystallization experiments using a reactive mush: implications for the self-channelization of residual melts in cumulates 111: 319
- Beer, J., see Chengde, S. et al. 109: 169
- Behrensmeier, A.K., see Tauxe, L. et al. 109: 561
- Behrmann, J.H., Conditions for hydrofracture and the permeability of accretionary wedges 107: 550
- Bekins, B.A. and Dreiss, S.J., A simplified analysis of parameters controlling dewatering in accretionary prisms 109: 275
- Berger, A. and Loutre, M.F., Astronomical solutions for paleoclimate studies over the last 3 million years 111: 369
- Berkovits, D., see Herut, B. et al. 109: 179
- Bernat, M., see Borchellini, S. et al. 107: 217
- Berner, U., see Taira, A. et al. 109: 431
- Bideau, D., see Cannat, M. et al. 109: 87
- Bideau, D., see Hekinian, R. et al. 108: 259
- Birkenmajer, K., see Keller, R.A. et al. 111: 287
- Biscaye, P.E., see Grousset, F.E. et al. 111: 175
- Black, T.M., Chronology of the Middle Pleistocene Kidnappers Group, New Zealand and correlation to global oxygen isotope stratigraphy 109: 573
- Blum, N., see Francheteau, J. et al. 111: 109
- Blum, N., see Lonsdale, P. et al. 109: 73
- Blum, N., see Lonsdale, P. et al. 110: 246
- Boaretto, E., see Herut, B. et al. 109: 179
- Boclet, D., see Jéhanho, C. et al. 109: 229
- Boclet, D., see Robin, E. et al. 107: 715
- Boehler, R., Melting of the Fe-FeO and the Fe-FeS systems at high pressure: Constraints on core temperatures catalytic oxidation method 111: 217

- Bogomolov, Ye.S., Migration of lead in non-metamict zircon 107: 625
- Böhlke, J.K. and Irwin, J.J., Brine history indicated by argon, krypton, chlorine, bromine, and iodine analyses of fluid inclusions from the Mississippi Valley type lead-fluorite-barite deposits at Hansonburg, New Mexico 110: 51
- Bohrmann, G., see Botz, R. and Bohrmann, G. 107: 612
- Bohsung, J., see Jessberger, E.K. et al. 112: 91
- Bonani, G., see Chengde, S. et al. 109: 169
- Bonté, Ph., see Robin, E. et al. 108: 181
- Bonté, Ph., see Robin, E. et al. 107: 715
- Borchiellini, S., Bernat, M. and Campredon, R., Facteurs contrôlant les émanations du radon de sources situées dans des régions à relief accentuée: influence de la sismicité (Alpes Maritimes, France). [Factors controlling radon emissions from sources in regions of accentuated relief: the influence of seismicity (Maritime Alps, France)] 107: 217
- Bosch, D., see Lancelot, J.R. and Bosch, D. 107: 539
- Botz, R. and Bohrmann, G., Low-temperature opal-CT precipitation in Antarctic deep-sea sediments: evidence from oxygen isotopes 107: 612
- Bougault, H., see Cannat, M. et al. 109: 87
- Boulegue, J., see Kobayashi, K. et al. 109: 347
- Boulegue, J., see Sakai, H. et al. 109: 391
- Boulègue, J., see Chamot-Rooke, N. et al. 109: 319
- Boulègue, J., see Gamo, T. et al. 109: 383
- Boulègue, J., see Vénec-Peyré, M.-T. et al. 109: 405
- Bourlès, D.L., Brown, E.T., Raisbeck, G.M., Yiou, F. and Gieskes, J.M., Beryllium isotope geochemistry of hydrothermally altered sediments 109: 47
- Boyd, S.R., Pillinger, C.T., Milledge, H.J. and Seal, M.J., C and N isotopic composition and the infrared absorption spectra of coated diamonds: evidence for the regional uniformity of CO₂-H₂O rich fluids in lithospheric mantle 108: 139
- Boyd, S.R., Pillinger, C.T., Milledge, H.J., Mendelsohn, M.J. and Seal, M., C and N isotopic composition and the infrared absorption spectra of coated diamonds: evidence for the regional uniformity of CO₂-H₂O rich fluids in lithospheric mantle (erratum) 109: 633
- Boyle, E.A., see Sherrell, R.M. and Boyle, E.A. 111: 155
- Brenan, J.M. and Watson, E.B., Partitioning of trace elements between olivine and aqueous fluids at high *P-T* conditions: implications for the effect of fluid composition on trace element transport 107: 672
- Brown, E.T., see Bourlès, D.L. et al. 109: 47
- Brückmann, W., see Taira, A. et al. 109: 431
- Buhay, W.M., Comment on Increase of radiation sensitivity of ESR centers by faulting and criteria of fault dates (erratum) 107: 433
- Bühler, F., see Krähenbühl, U. et al. 110: 95
- Burgess, R., Kelley, S.P., Parsons, I., Walker, F.D.L. and Worden, R.H., ⁴⁰Ar-³⁹Ar analysis of perthite microtextures and fluid inclusions in alkali feldspars from the Klokken syenite, South Greenland 109: 147
- Burnett, D.S., see LaTourrette, T.Z. and Burnett, D.S. 110: 227
- Burton, K.W. and O'Nions, R.K., High-resolution garnet chronometry and the rates of metamorphic processes 107: 649
- Byrne, T., see Maltman, A. et al. 109: 463
- Byrne, T., see Taira, A. et al. 109: 431
- Čadež, O. and Ricard, Y., Toroidal/poloidal energy partitioning and global lithospheric rotation during Cenozoic time 109: 621
- Cadet, J.-P., see Lallemand, S.E. et al. 109: 333
- Cambray, H., see Kobayashi, K. et al. 109: 347
- Camerlenghi, A., Cita, M.B., Hieke, W. and Ricchiuto, T., Geological evidence for mud diapirism on the Mediterranean Ridge accretionary complex 109: 493
- Campbell, A.C., see German, C.R. et al. 107: 101
- Campredon, R., see Borchiellini, S. et al. 107: 217
- Canil, D., see Trønnes, R.D. et al. 111: 241
- Canil, D., Orthopyroxene stability along the peridotite solidus and the origin of cratonic lithosphere beneath southern Africa 111: 83
- Cannat, M., see Hekinian, R. et al. 108: 259
- Cannat, M., Bideau, D. and Bougault, H., Serpentinized peridotites and gabbros in the Mid-Atlantic Ridge axial valley at 15°37'N and 16°52'N 109: 87
- Canot-Laurent, S., see J.-P. Cogné, and Canot-Laurent, S. 112: 147
- Carey, S., see Sigurdsson, H. et al. 109: 543
- Carl, C., see Wendt, I. et al. 107: 618
- Carter, A., see Lewis, C.L.E. et al. 112: 131

- Cartwright, I. and Valley, J.W., Steep oxygen-isotope gradients at marble-matagranite contacts in the northwest Adirondack Mountains, New York, USA: products of fluid-hosted diffusion 107: 148
- Cassidy, J., see Shibuya, H. et al. 111: 41
- Chabernaud, T., see Taira, A. et al. 109: 431
- Chakaveh, S., see Jessberger, E.K. et al. 112: 91
- Chamberlain, C.P., see Sonder, L.J. and Chamberlain, C.P. 111: 517
- Chamot-Rooke, N., see Henry, P. et al. 109: 355
- Chamot-Rooke, N., see Kobayashi, K. et al. 109: 347
- Chamot-Rooke, N., Lallemand, S.J., Le Pichon, X., Henry, P., Sibuet, M., Boulègue, J., Foucher, J.-P., Furuta, T., Gamo, T., Glauon, G., Kobayashi, K., Kuramoto, S., Ogawa, Y., Schultheiss, P., Segawa, J., Takeuchi, A., Tarits, P. and Tokuyama, H., Tectonic context of fluid venting at the toe of the eastern Nankai accretionary prism: Evidence for a shallow detachment fault 109: 319
- Chan, L.H., Edmond, J.M., Thompson, G. and Gillis, K., Lithium isotopic composition of submarine basalts: implications for the lithium cycle in the oceans 108: 151
- Channell, J.E.T. and Erba, E., Early Cretaceous polarity chrons CM0 to CM11 recorded in northern Italian land sections near Brescia 108: 161
- Channell, J.E.T. and Erba, E., Early Cretaceous polarity chrons CM0 to CM11 recorded in northern Italian land sections near Brescia (erratum) 110: 245
- Chaussidon, M. and Albarède, F., Secular boron isotope variations in the continental crust: an ion microprobe study 108: 229
- Chauvel, C., Hofmann, A.W. and Vidal, P., HIMU-EM: The French Polynesian connection 110: 99
- Cheminee, J.L., see Francheteau, J. et al. 111: 109
- Cheminée, J.-L., Stoffers, P., McMurtry, G., Richnow, H., Puteanus, D. and Sedwick, P., Gas-rich submarine exhalations during the 1989 eruption of Macdonald Seamount 107: 318
- Chen, J.H., see Banner, J.L. et al. 107: 129
- Chen, J.H., see Banner, J.L. et al. 108: 307
- Chengde, S., Beer, J., Tungsheng, L., Oeschger, H., Bonani, G., Suter, M. and Wölfli, W., ^{10}Be in Chinese loess 109: 169
- Chéry, J., Lucazeau, F., Daignières, M. and Vilotte, J.P., Large uplift of rift flanks: A genetic link with lithospheric rigidity? 112: 195
- Chica-Olmo, M., see Olóriz, F. et al. 111: 407
- Chivas, A.R., see Ayliffe, L.K. et al. 108: 119
- Christie, D.M., see Pyle, D.G. et al. 112: 161
- Chung, S.-L. and Sun, S.s., A new genetic model for the East Taiwan Ophiolite and its implications for Dupal domains in the Northern Hemisphere 109: 133
- Cisowski, S.M., Remanent magnetic properties of unbrecciated eucrites 107: 173
- Cita, M.B., see Camerlenghi, A. et al. 109: 493
- Clague, D.A., see Goldstein, S.J. et al. 107: 25
- Clague, D.A., see Goldstein, S.J. et al. 109: 255
- Claoué-Long, J.C., King, R.W. and Kerrich, R., Reply to comment by F. Corfu and D.W. Davis on "Archaean hydrothermal zircons in the Abitibi greenstone belt: constraints on the timing of gold mineralisation" 109: 601
- Clocchiatti, R., see Schiano, P. et al. 111: 69
- Cluzel, D., Late Palaeozoic to early Mesozoic geodynamic evolution of the Circum-Pacific orogenic belt in South Korea and Southwest Japan 108: 289
- Cochrane, G.R., see MacKay, M.E. et al. 109: 477
- Collerson, K.D., see Williams, R.W. et al. 111: 257
- Collinson, D.W., see Morden, S.J. and Collinson, D.W. 109: 185
- Colliston, W.P., see Reimold, W.U. et al. 112: 213
- Condomines, M., see Sigmarsson, O. et al. 110: 149
- Cordery, M.J. and Morgan, J.P., Melting and mantle flow beneath a mid-ocean spreading center 111: 493
- Coulon, C., see Lapierre, H. et al. 108: 61
- Craig, H., see Farley, K.A. et al. 111: 183
- Craig, H., see Somayajulu, B.L.K. et al. 107: 197
- Crawford, A.J., see Yaxley, G.M. et al. 107: 305
- Crozaz, G., see Floss, C. and Crozaz, G. 107: 13
- D'Hondt, S., see Sigurdsson, H. et al. 109: 543
- Daignières, M., see Chéry, J. et al. 112: 195
- De Jong, K., Wijbrans, J.R. and Féraud, G., Repeated thermal resetting of phengites in the Mulhacen complex (Betic Zone, southeastern Spain) shown by $^{40}\text{Ar}/^{39}\text{Ar}$ step heating and single grain laser probe dating 110: 173
- Deino, A.D., see Tauxe, L. et al. 109: 561
- Delaney, J.R., see Goldstein, S.J. et al. 107: 25

- Delaney, J.R., see Goldstein, S.J. et al. 109: 255
 Delaney, J.R., see Thomson, R.E. et al. 111: 141
 Delaney, J.R., see Woods, A.W. and Delaney, J.R. 112: 117
 Deng, W.M., see Arnaud, N.O. et al. 111: 351
 Deniel, C., see Williams, R.W. et al. 111: 257
 DePaolo, D.J., see Richter, F.M. et al. 109: 11
 DePaolo, D.J., see Schrag, D.P. et al. 111: 305
 Déruelle, B., Dreibus, G. and Jambon, A., Iodine abundances in oceanic basalts: implications for Earth dynamics 108: 217
 Devey, C.W., see Mertz, D.F. et al. 107: 243
 Dietrich, W., see Monaghan, M.C. et al. 111: 483
 Dobson, J.P. and Heller, F., Remagnetization in southeast China and the collision and suturing of the Huanan and Yangtze blocks 111: 11
 Dreibus, G., see Déruelle, B. et al. 108: 217
 Dreiss, S.J., see Bekins, B.A. and Dreiss, S.J. 109: 275
 Dunbar, N.W., see Hervig, R.L. and Dunbar, N.W. 111: 97
 Dymond, J., see Moore, W.S. and Dymond, J. 107: 55

 Eberhardt, P., see Krähenbühl, U. et al. 110: 95
 Edmond, J.M., see Chan, L.H. et al. 108: 151
 Edmond, J.M., see German, C.R. et al. 107: 101
 Eggins, S.M., Green, D.H. and Falloon, T.J., The Tasmanid Seamounts: shallow melting and contamination of an EM1 mantle plume 107: 448
 Eisenhauer, A., Gögen, K., Pernicka, E. and Mangini, A., Climatic influences on the growth rates of Mn crusts during the late Quaternary 109: 25
 Elderfield, H., The Ce-Nd-Sr isotope systematics of seawater: Comment on "Isotopic compositions of Ce, Nd and Sr in ferromanganese nodules from the Pacific and Atlantic Oceans, the Baltic and Barents Seas and the Gulf of Bothnia", by H. Amakawa, J. Ingri, A. Masuda and H. Shimizu 111: 557
 Elmore, R.D., see Hillegeist, T.K. et al. 109: 531
 Emerman, S.H., see Marrett, R. and Emerman, S.H. 112: 53
 Epstein, S., see Stone, J. et al. 107: 570
 Erba, E., see Channell, J.E.T. and Erba, E. 108: 161
 Erba, E., see Channell, J.E.T. and Erba, E. 110: 245
 Etheridge, D.M., see Martinerie, P. et al. 112: 1

 Falloon, T.J., see Eggins, S.M. et al. 107: 448
 Falloon, T.J., see Sweeney, R.J. et al. 107: 256
 Farley, K.A., Natland, J.H. and Craig, H., Binary mixing of enriched and undegassed (primitive?) mantle components (He, Sr, Nd, Pb) in Samoan lavas 111: 183
 Farquhar, R.M., see Smith, P.E. et al. 107: 434
 Féraud, G., see De Jong, K. et al. 110: 173
 Fiala-Medioni, A., see Lallemand, S.E. et al. 109: 333
 Fink, D., Klein, J., Middleton, R., Vogt, S. and Herzog, G.F., ⁴¹Ca iron falls, Grant and Estherville: production rates and related exposure age calculations 107: 115
 Finnegan, D.L., see Krähenbühl, U. et al. 110: 95
 Firth, J., see Taira, A. et al. 109: 431
 Fisher, A., see Hyndman, R.D. et al. 109: 289
 Fisher, A., see Taira, A. et al. 109: 431
 Fisher, A., see Yamano, M. et al. 109: 451
 Fisk, M.R., see Keller, R.A. et al. 111: 287
 Fitz Gerald, J.D., see Kesson, S.E. and Fitz Gerald, J.D. 111: 229
 Floss, C. and Crozaz, G., Ce anomalies in the LEW85300 eucrite: evidence for REE mobilization during Antarctic weathering 107: 13
 Fontugne, M., see Lalou, C. et al. 109: 419
 Foucher, J.-P., see Chamot-Rooke, N. et al. 109: 319
 Foucher, J.-P., see Henry, P. et al. 109: 355
 Foucher, J.-P., see Taira, A. et al. 109: 431
 Foucher, J.-P., see Yamano, M. et al. 109: 451
 Foucher, J.-P., Henry, P., Le Pichon, X. and Kobayashi, K., Time-variations of fluid expulsion velocities at the toe of the eastern Nankai accretionary complex 109: 373

- Foucher, J.P., see Hyndman, R.D. et al. 109: 289
- Fourcade, S., see Sigmarsson, O. et al. 110: 149
- Francheteau, J., see Hekinian, R. et al. 108: 259
- Francheteau, J., Armijo, R., Cheminee, J.L., Hekinian, R., Lonsdale, P. and Blum, N., Dyke complex of the East Pacific Rise exposed in the walls of Hess Deep and the structure of the upper oceanic crust 111: 109
- Fraser, G., see Sandiford, M. et al. 107: 164
- Froelich, P.N., see Keigwin, L.D. et al. 111: 425
- Froget, L., see Jéhanho, C. et al. 109: 229
- Froget, L., see Robin, E. et al. 107: 715
- Froget, L., see Robin, E. et al. 108: 181
- Fruit, D.J., see Hillegeist, T.K. et al. 109: 531
- Fujimoto, H., see Kobayashi, K. et al. 109: 347
- Funahara, S., see Otofui, Y. et al. 107: 369
- Furuta, T., see Chamot-Rooke, N. et al. 109: 319
- Furuta, T., see Henry, P. et al. 109: 355
- Furuta, T., see Kobayashi, K. et al. 109: 347
- Gamo, T., see Chamot-Rooke, N. et al. 109: 319
- Gamo, T., see Igarashi, G. et al. 108: 11
- Gamo, T., see Sakai, H. et al. 109: 391
- Gamo, T., see Taira, A. et al. 109: 431
- Gamo, T., Sakai, H., Ishibashi, J., Shitashima, K. and Boulègue, J., Methane, ethane and total inorganic carbon in fluid samples taken during the 1989 Kaiko-Nankai project 109: 383
- Gamo, T., Sakai, H., Kim, E.-S., Shitashima, K. and Ishibashi, J., High alkalinity due to sulfate reduction in the CLAM hydrothermal field, Okinawa Trough 107: 328
- García-Dueñas, V., see Torné, M. et al. 110: 163
- Gasquet, D., Leterrier, J., Mrini, Z. and Vidal, P., Petrogenesis of the Hercynian Tichka plutonic complex (Western High Atlas, Morocco): Trace element and Rb-Sr and Sm-Nd isotope constraints 108: 29
- Gehring, A.U., see Keller, P. and Gehring, A.U. 111: 49
- Geissbühler, M., see Krähenbühl, U. et al. 110: 95
- German, C.R., Campbell, A.C. and Edmond, J.M., Hydrothermal scavenging at the Mid-Atlantic Ridge: Modification of trace element dissolved fluxes 107: 101
- Gieskes, J., see Taira, A. et al. 109: 431
- Gieskes, J.M., see Bourlès, D.L. et al. 109: 47
- Giggenbach, W.F., see Le Cloarec, M.F. et al. 108: 19
- Giletti, B.J., see Sharp, Z.D. et al. 107: 339
- Gill, J.B., see Williams, R.W. et al. 111: 257
- Gillis, K., see Chan, L.H. et al. 108: 151
- Glaçon, G., see Chamot-Rooke, N. et al. 109: 319
- Glaçon, G., see Lallemand, S.E. et al. 109: 333
- Glass, B.P., Kent, D.V., Schneider, D.A. and Tauxe, L., Ivory Coast microtektite strewn field: description and relation to the Jaramillo geomagnetic event 107: 182
- Gögen, K., see Eisenhauer, A. et al. 109: 25
- Goldstein, S.J., Murrell, M.T., Janecky, D.R., Delaney, J.R. and Clague, D.A., Geochronology and petrogenesis of MORB from the Juan de Fuca and Gorda ridges by ^{238}U - ^{230}Th disequilibrium 107: 25
- Goldstein, S.J., Murrell, M.T., Janecky, D.R., Delaney, J.R. and Clague, D.A., Geochronology and petrogenesis of MORB from the Juan de Fuca and Gorda ridges by ^{238}U - ^{230}Th disequilibrium (erratum) 109: 255
- Goodwillie, A.M. and Parsons, B., Placing bounds on lithospheric deformation in the central Pacific Ocean 111: 123
- Gorsline, D.S., see Lund, S.P. et al. 108: 93
- Gould, W.D., see Krouse, H.R. et al. 107: 90
- Graham, D.W., Humphris, S.E., Jenkins, W.J. and Kurz, M.D., Helium isotope geochemistry of some volcanic rocks from Saint Helena 110: 121
- Graham, D.W., Jenkins, W.J., Schilling, J.-G., Thompson, G., Kurz, M.D. and Humphris, S.E., Helium isotope geochemistry of mid-ocean ridge basalts from the South Atlantic 110: 133
- Green, D.H., see Eggins, S.M. et al. 107: 448
- Green, D.H., see Sweeney, R.J. et al. 107: 256
- Green, D.H., see Yaxley, G.M. et al. 107: 305
- Green, P.F., see Lewis, C.L.E. et al. 112: 131
- Grossman, J.N., see Morgan, J.W. et al. 108: 191
- Grossman, L., see Simon, S.B. and Grossman, L. 110: 67

- Grousset, F.E., Biscaye, P.E., Revel, M., Petit, J.-R., Pye, K., Joussaume, S. and Jouzel, J., Antarctic (Dome C) ice-core dust at 18 k.y. B.P.: Isotopic constraints on origins 111: 175
- Grunder, A.L. and Wickham, S.M., Homogenization and lowering of $^{18}\text{O}/^{16}\text{O}$ in mid-crustal rocks during extension-related magmatism in eastern Nevada 107: 416
- Haag, M. and Heller, F., Late Permian to Early Triassic magnetostratigraphy 107: 42
- Habfast, K., see Wendt, I. et al. 107: 618
- Halliday, A.N., see Koch, P.L. et al. 108: 277
- Hallworth, M.A., see Bédard, J.H. et al. 111: 319
- Hammond, P.E., see Volpe, A.M. and Hammond, P.E. 107: 475
- Hancock, R.G., see Smith, P.E. et al. 107: 434
- Handa, N., see Masuzawa, T. et al. 110: 39
- Hart, S.R., see Hattori, K. and Hart, S.R. 107: 499
- Harvey, R.P. and McSween, H.Y., The parent magma of the nakhlite meteorites: Clues from melt inclusions 111: 467
- Hashizume, K., see Sugiura, N. and Hashizume, K. 111: 441
- Hattori, K. and Hart, S.R., Osmium-isotope ratios of platinum-group minerals associated with ultramafic intrusions: Os-isotopic evolution of the oceanic mantle 107: 499
- Hauschka, P.V., see Ajie, H.O. et al. 107: 380
- Heaman, L.M., LeCheminant, A.N. and Rainbird, R.H., Nature and timing of Franklin igneous events, Canada: Implications for a Late Proterozoic mantle plume and the break-up of Laurentia 109: 117
- Hébert, R., see Hekinian, R. et al. 108: 259
- Heider, F. and Hoffmann, V., Magneto-optical Kerr effect on magnetic crystals with externally applied magnetic fields 108: 131
- Hekinian, R., see Francheteau, J. et al. 111: 109
- Hekinian, R., Bideau, D., Cannat, M., Francheteau, J. and Hébert, R., Volcanic activity and crust-mantle exposure in the ultrafast Garrett transform fault near $13^{\circ}28'\text{S}$ in the Pacific 108: 259
- Heller, F., see Dobson, J.P. and Heller, F. 111: 11
- Heller, F., see Haag, M. and Heller, F. 107: 42
- Henry, P., see Chamot-Rooke, N. et al. 109: 319
- Henry, P., see Foucher, J.-P. et al. 109: 373
- Henry, P., Foucher, J.-P., Le Pichon, X., Sibuet, M., Kobayashi, K., Tarits, P., Chamot-Rooke, N., Furuta, T. and Schultheiss, P., Interpretation of temperature measurements from the Kaiko-Nankai cruise: Modeling of fluid flow in clam colonies 109: 355
- Heney, T.L., see Lund, S.P. et al. 108: 93
- Herbert, T.D., Paleomagnetic calibration of Milankovitch cyclicity in Lower Cretaceous sediments 112: 15
- Herut, B., Starinsky, A., Katz, A., Paul, M., Boaretto, E. and Berkovits, D., ^{36}Cl in chloride-rich rainwater 109: 179
- Hervig, R.L. and Dunbar, N.W., Cause of chemical zoning in the Bishop (California) and Bandelier (New Mexico) magma chambers 111: 97
- Herzog, G.F., see Fink, D. et al. 107: 115
- Hickey-Vargas, R., Isotope characteristics of submarine lavas from the Philippine Sea: implications for the origin of 107: 290
- Hieke, W., see Camerlenghi, A. et al. 109: 493
- Hilgen, F.J., see Zijdeveld, J.D.A. et al. 107: 697
- Hilgen, F.J., Extension of the astronomically calibrated (polarity) time scale to the Miocene/Pliocene boundary 107: 349
- Hill, I., see Taira, A. et al. 109: 431
- Hillegeist, T.K., Fruit, D.J. and Elmore, R.D., Syndeformational magnetization in the Ordovician Bigfork Chert at Black Knob Ridge, western Ouachita Mountains, southern Oklahoma 109: 531
- Hoefs, J., see Ionov, D.A. et al. 111: 269
- Hoffmann, V., see Heider, F. and Hoffmann, V. 108: 131
- Hofmann, A.W., see Chauvel, C. et al. 110: 99
- Hofmann, A.W., see Jochum, K.P. et al. 107: 272
- Hofmann, A.W., see Mertz, D.F. et al. 107: 243
- Holloway, J.R., see Pawley, A.R. et al. 110: 213
- Holm, N.G., see Kasting, J.F. and Holm, N.G. 109: 507
- Holt, W.E. and Stern, T.A., Sediment loading on the Western Platform of the New Zealand continent: Implications for the strength of a continental margin 107: 523
- Hort, M. and Spohn, T., Crystallization calculations for a binary melt cooling at constant rates of heat removal: implications for the crystallization of magma bodies 107: 463
- Huang, K. and Opdyke, N.D., Paleomagnetism of Cretaceous to lower Tertiary rocks from Southwestern Sichuan: a revisit 112: 29
- Huang, K., Opdyke, N.D., Peng, X. and Li, J., Paleomagnetic results from Upper Permian of the eastern Qiangtang Terrane of Tibet and their tectonic implications 111: 1

- Humphrey, J.D., see Banner, J.L. et al. 107: 129
 Humphrey, J.D., see Banner, J.L. et al. 108: 307
 Humphris, S.E., see Graham, D.W. et al. 110: 121
 Humphris, S.E., see Graham, D.W. et al. 110: 133
 Hurford, A.J., see Lewis, C.L.E. et al. 112: 131
 Huston, T.J., see Koch, P.L. et al. 108: 277
 Hutcheon, I.D., see Stone, J. et al. 107: 570
 Hyndman, R., see Taira, A. et al. 109: 431
 Hyndman, R.D., see Yamano, M. et al. 109: 451
 Hyndman, R.D., Foucher, J.P., Yamano, M. and Fisher, A., Deep sea bottom-simulating-reflectors: calibration of the base of the hydrate stability field as used for heat flow estimates 109: 289
- Igarashi, G., Ozima, M., Ishibashi, J., Gamo, T., Sakai, H., Nojiri, Y. and Kawai, T., Mantle helium flux from the bottom of Lake Mashu, Japan 108: 11
 Igarashi, J., see Sano, Y. et al. 107: 95
 Iiyama, J.T., see Kobayashi, K. et al. 109: 347
 Iiyama, J.T., see Lallemant, S.E. et al. 109: 333
 Ionov, D.A., Hoefs, J., Wedepohl, K.H. and Wiechert, U., Content and isotopic composition of sulphur in ultramafic xenoliths from central Asia 111: 269
 Ireland, T.R. and Wlotzka, F., The oldest zircons in the solar system 109: 1
 Irwin, J.J., see Böhlke, J.K. and Irwin, J.J. 110: 51
 Ishibashi, J., see Gamo, T. et al. 107: 328
 Ishibashi, J., see Gamo, T. et al. 109: 383
 Ishibashi, J., see Igarashi, G. et al. 108: 11
 Itaya, T., see Shibuya, H. et al. 111: 41
 Iturralde-Vinent, M.A., A short note on the Cuban late Maastrichtian megaturbidite (an impact-derived deposit?) 109: 225
- J.-P. Cogné, and Canot-Laurent, S., Simple shear experiments on magnetized wax-hematite samples 112: 147
 Jambon, A., see Déruelle, B. et al. 108: 217
 Janecky, D.R., see Goldstein, S.J. et al. 107: 25
 Janecky, D.R., see Goldstein, S.J. et al. 109: 255
 Janecky, D.R., see Thomson, R.E. et al. 111: 141
 Javoy, M., see Robert, F. et al. 108: 1
 Javoy, M. and Pineau, F., The volatiles record of a "popping" rock from the Mid-Atlantic Ridge at 14°N: chemical and isotopic composition of gas trapped in the vesicles 107: 598
 Jéhanno, C., see Robin, E. et al. 107: 715
 Jéhanno, C., see Robin, E. et al. 108: 181
 Jéhanno, C., Boclet, D., Froget, L., Lambert, B., Robin, E., Rocchia, R. and Turpin, L., The Cretaceous-Tertiary boundary at Beloc, Haiti: No evidence for an impact in the Caribbean area 109: 229
 Jenkins, W.J., see Graham, D.W. et al. 110: 133
 Jenkins, W.J., see Graham, D.W. et al. 110: 121
 Jessberger, E.K., Bohsung, J., Chakaveh, S. and Traxel, K., The volatile element enrichment of chondritic interplanetary dust particles 112: 91
 Jochum, K.P., Arndt, N.T. and Hofmann, A.W., Nb-Th-La in komatiites and basalts: constraints on komatiite petrogenesis and mantle evolution 107: 272
 Johannessen, T., see Talbot, M.R. and Johannessen, T. 110: 23
 Johnson, B.D., see Mayhew, M.A. et al. 107: 515
 Jones, G.A., see Keigwin, L.D. et al. 111: 425
 Joron, J.L., see Schiano, P. et al. 111: 69
 Joussaume, S., see Grousset, F.E. et al. 111: 175
 Jouzel, J., see Grousset, F.E. et al. 111: 175
- Kadoi, J., see Otofujii, Y. et al. 107: 369
 Kaplan, I.R., see Ajie, H.O. et al. 107: 380
 Karig, D., see Maltman, A. et al. 109: 463
 Karig, D., see Taira, A. et al. 109: 431
 Kasting, J.F. and Holm, N.G., What determines the volume of the oceans? 109: 507
 Kastner, M., see Taira, A. et al. 109: 431
 Kato, Y., see Taira, A. et al. 109: 431
 Katz, A., see Herut, B. et al. 109: 179

- Kawai, T., see Igarashi, G. et al. 108: 11
- Keigwin, L.D., Jones, G.A. and Froelich, P.N., A 15,000 year paleoenvironmental record from Meiji Seamount, far northwestern Pacific 111: 425
- Keil, K., see Wilson, L. and Keil, K. 107: 432
- Keller, P. and Gehring, A.U., Different weathering stages indicated by the magnetization of limestones: An example from the southeast Pyrenees, Spain 111: 49
- Keller, R.A., Fisk, M.R., White, W.M. and Birkenmajer, K., Isotopic and trace element constraints on mixing and melting models of marginal basin volcanism, Bransfield Strait, Antarctica 111: 287
- Kelley, S.P., see Burgess, R. et al. 109: 147
- Kelley, S.P. and Turner, G., Laser probe ^{40}Ar - ^{39}Ar measurements of loss profiles within individual hornblende grains from the Giants Range Granite, northern Minnesota, USA 107: 634
- Kent, D.V., see Glass, B.P. et al. 107: 182
- Kent, D.V., see Schneider, D.A. et al. 111: 395
- Kenyon, P., see Spiegelman, M. and Kenyon, P. 109: 611
- Kerr, R.C., see Bédard, J.H. et al. 111: 319
- Kerrick, R., see Claoué-Long, J.C. et al. 109: 601
- Kesson, S.E. and Fitz Gerald, J.D., Partitioning of MgO, FeO, NiO, MnO and Cr_2O_3 between magnesian silicate perovskite and magnesiowüstite: implications for the origin of inclusions in diamond and the composition of the lower mantle 111: 229
- Kim, E.-S., see Gamo, T. et al. 107: 328
- Kim, K.H. and McMurtry, G.M., Radial growth rates and ^{210}Pb ages of hydrothermal massive sulfides from the Juan de fuca ridge (erratum) 107: 231
- King, R.W., see Claoué-Long, J.C. et al. 109: 601
- King, S.D., see Staudigel, H. and King, S.D. 109: 517
- Kinoshita, M., see Yamano, M. et al. 109: 451
- Kissel, C., see Mitouard, P. et al. 112: 41
- Kitagawa, H., see Masuzawa, T. et al. 110: 39
- Klein, J., see Fink, D. et al. 107: 115
- Klein, J., see Monaghan, M.C. et al. 111: 483
- Kobayashi, K., see Chamot-Rooke, N. et al. 109: 319
- Kobayashi, K., see Foucher, J.-P. et al. 109: 373
- Kobayashi, K., see Henry, P. et al. 109: 355
- Kobayashi, K., see Le Pichon, X. and Kobayashi, K. 109: 303
- Kobayashi, K., Ashi, J., Boulegue, J., Cambray, H., Chamot-Rooke, N., Fujimoto, H., Furuta, T., Iiyama, J.T., Koizumi, T., Mitsuzawa, K., Monma, H., Murayama, M., Naka, J., Nakanishi, M., Ogawa, Y., Otsuka, K., Okada, M., Oshida, A., Shima, N., Soh, W., Takeuchi, A., Watanabe, M. and Yamagata, T., Deep-tow survey in the KAIKO-Nankai cold seepage areas 109: 347
- Koch, P.L., Halliday, A.N., Walter, L.M., Stearley, R.F., Huston, T.J. and Smith, G.R., Sr isotopic composition of hydroxyapatite from recent and fossil salmon: the record of lifetime migration and diagenesis 108: 277
- Koizumi, T., see Kobayashi, K. et al. 109: 347
- Krähenbühl, U., Geissbühler, M., Bühler, F., Eberhardt, P. and Finnegan, D.L., Osmium isotopes in the aerosols of the mantle volcano Mauna Loa 110: 95
- Krishnaswami, S., Trivedi, J.R., Sarin, M.M., Ramesh, R. and Sharma, K.K., Strontium isotopes and rubidium in the Ganga-Brahmaputra river system: Weathering in the Himalaya, fluxes to the Bay of Bengal and contributions to the evolution of oceanic $^{87}\text{Sr}/^{86}\text{Sr}$ 109: 243
- Kroneberg, B.I., see MacRae, N.D. et al. 109: 585
- Krouse, H.R., Gould, W.D., McCready, R.G.L. and Rajan, S., ^{18}O incorporation into sulphate during bacterial oxidation of sulphide minerals and the potential for oxygen isotope exchange between O_2 , H_2O and oxidized sulphur intermediates 107: 90
- Kulm, L.D., see MacKay, M.E. et al. 109: 477
- Kuramoto, S., see Chamot-Rooke, N. et al. 109: 319
- Kurz, M.D., see Graham, D.W. et al. 110: 121
- Kurz, M.D., see Graham, D.W. et al. 110: 133
- Kusakabe, M., see Masuzawa, T. et al. 110: 39
- Laborel, F., see Stiros, S.C. et al. 108: 109
- Laborel, J., see Stiros, S.C. et al. 108: 109
- Laj, C., see Mazaud, A. and Laj, C. 107: 689
- Laj, C., see Mitouard, P. et al. 112: 41
- Lal, D., see Somayajulu, B.L.K. et al. 107: 197

- Lallemant, S.E., see Lalou, C. et al. 109: 419
- Lallemant, S.E., see Vénec-Peyré, M.-T. et al. 109: 405
- Lallemant, S.E., Glaçon, G., Lauriat-Rage, A., Fiala-Medioni, A., Cadet, J.-P., Beck, C., Sibuet, M., Iiyama, J.T., Sakai, H. and Taira, A., Seafloor manifestations of fluid seepage at the top of a 2000-metre-deep ridge in the eastern Nankai accretionary wedge: Long-lived venting and tectonic implications 109: 333
- Lallemant, S., see Maltman, A. et al. 109: 463
- Lallemant, S., see Taira, A. et al. 109: 431
- Lallemant, S.J., see Chamot-Rooke, N. et al. 109: 319
- Lalou, C., Fontugne, M., Lallemant, S.E. and Lauriat-Rage, A., *Calypptogena*-cemented rocks and concretions from the eastern part of Nankai accretionary prism: Age and geochemistry of uranium 109: 419
- Lambert, B., see Jéhanno, C. et al. 109: 229
- Lancelot, J.R. and Bosch, D., A Pan African age for the HP-HT granulite gneisses of Zabargad island: implications for the early stages of the Red Sea rifting 107: 539
- Langereis, C.G., see Zijdeveld, J.D.A. et al. 107: 697
- Lanier, A.B., see Lofgren, G.E. and Lanier, A.B. 111: 455
- Lapierre, H., Ortiz, L.E., Abouchami, W., Monod, O., Coulon, C. and Zimmermann, J.-L., A crustal section of an intra-oceanic island arc: The Late Jurassic-Early Cretaceous Guanajuato magmatic sequence, central Mexico 108: 61
- Larson, R.L. and Olson, P., Mantle plumes control magnetic reversal frequency 107: 437
- LaTourrette, T.Z. and Burnett, D.S., Experimental determination of U and Th partitioning between clinopyroxene and natural and synthetic basaltic liquid 110: 227
- Lauriat-Rage, A., see Lallemant, S.E. et al. 109: 333
- Lauriat-Rage, A., see Lalou, C. et al. 109: 419
- Le Cloarec, M.F., Allard, P., Ardouin, B., Giggenbach, W.F. and Sheppard, D.S., Radioactive isotopes and trace elements in gaseous emissions from White Island, New Zealand 108: 19
- Le Pichon, X., see Chamot-Rooke, N. et al. 109: 319
- Le Pichon, X., see Foucher, J.-P. et al. 109: 373
- Le Pichon, X., see Henry, P. et al. 109: 355
- Le Pichon, X. and Kobayashi, K., Fluid venting activity within the eastern Nankai Trough accretionary wedge: A summary of the 1989 Kaiko-Nankai results 109: 303
- LeCheminant, A.N., see Heaman, L.M. et al. 109: 117
- Leeman, W.P., see Moran, A.E. et al. 111: 331
- Leterrier, J., see Gasquet, D. et al. 108: 29
- Lewis, C.L.E., Green, P.F., Carter, A. and Hurford, A.J., Elevated K/T palaeotemperatures throughout Northwest England: three kilometres of Tertiary erosion? 112: 131
- Li, J., see Huang, K. et al. 111: 1
- Lister, J.R., Steady solutions for feeder dykes in a density-stratified lithosphere 107: 233
- Lofgren, G.E. and Lanier, A.B., Dynamic crystallization experiments on the Angra dos Reis achondritic meteorite 111: 455
- Lonsdale, P., see Francheteau, J. et al. 111: 109
- Lonsdale, P., Blum, N. and Puchelt, H., The RRR triple junction at the southern end of the Pacific-Cocos East Pacific Rise 109: 73
- Lonsdale, P., Blum, N. and Puchelt, H., The RRR triple junction at the southern end of the Pacific-Cocos East Pacific Rise (erratum) 110: 246
- Lorenzo, J.M. and Vera, E.E., Thermal uplift and erosion across the continent-ocean transform boundary of the southern Exmouth Plateau 108: 79
- Louden, K.E., see Osler, J.C. and Louden, K.E. 108: 243
- Loutre, M.F., see Berger, A. and Loutre, M.F. 111: 369
- Lowrie, W., see Platzman, E. and Lowrie, W. 108: 45
- Lu, R., see Taira, A. et al. 109: 431
- Lucazeau, F., see Chéry, J. et al. 112: 195
- Luck, J.-M. and Allègre, C.J., Osmium isotopes in ophiolites 107: 406
- Lund, S.P., Gorsline, D.S. and Henyey, T.L., Rock magnetic characteristics of surficial marine sediments from the California continental borderland 108: 93
- Lyons, J.B. and Officer, C.B., Mineralogy and petrology of the Haiti Cretaceous/Tertiary section 109: 205
- MacKay, M.E., Moore, G.F., C  chane, G.R., Moore, J.C. and Kulm, L.D., Landward vergence and oblique structural trends in the Oregon margin accretionary prism: Implications and effect on fluid flow 109: 477
- MacRae, N.D., Nesbitt, H.W. and Kroneberg, B.I., Development of a positive Eu anomaly during diagenesis 109: 585
- Mahoney, J.J., see Pyle, D.G. et al. 112: 161
- Maltman, A., see Taira, A. et al. 109: 431

- Maltman, A., Byrne, T., Karig, D. and Lallemand, S., Structural geological evidence from ODP Leg 131 regarding fluid flow in the Nankai prism, Japan 109: 463
- Mangini, A., see Eisenhauer, A. et al. 109: 25
- Marrett, R. and Emerman, S.H., The relations between faulting and mafic magmatism in the Altiplano-Puna plateau (central Andes) 112: 53
- Martin, N., see Sandiford, M. et al. 107: 164
- Martinerie, P., Raynaud, D., Etheridge, D.M., Barnola, J.-M. and Mazaudier, D., Physical and climatic parameters which influence the air content in polar ice 112: 1
- Martini, J.E.J., Reply to the comment of W.U. Reimold et al. on "The nature, distribution and genesis of the coesite and stishovite associated with the pseudotachylite of the Vredefort Dome, South Africa" 112: 219
- Marzocchi, W., Mulargia, F. and Paruolo, P., The correlation of geomagnetic reversals and mean sea level in the last 150 m.y. 111: 383
- Masuda, A., see Amakawa, H. et al. 111: 563
- Masuzawa, T., Handa, N., Kitagawa, H. and Kusakabe, M., Sulfate reduction using methane in sediments beneath a bathyal "cold seep" giant clam community off Hatsushima Island, Sagami Bay, Japan 110: 39
- Matte, Ph., see Arnaud, N.O. et al. 111: 351
- Mayhew, M.A., Wasilewski, P.J. and Johnson, B.D., Crustal magnetization and temperature at depth beneath the Yilgarn block, Western Australia inferred from Magsat data 107: 515
- Mazaud, A. and Laj, C., The 15 m.y. geomagnetic reversal periodicity: a quantitative test 107: 689
- Mazaudier, D., see Martinerie, P. et al. 112: 1
- McClain, J.S., see Thomson, R.E. et al. 111: 141
- McCready, R.G.L., see Krouse, H.R. et al. 107: 90
- McDuff, R.E., see Thomson, R.E. et al. 111: 141
- McKean, J., see Monaghan, M.C. et al. 111: 483
- McMillan, P.F., see Pawley, A.R. et al. 110: 213
- McMurtry, G., see Cheminée, J.-L. et al. 107: 318
- McMurtry, G.M., see Kim, K.H. and McMurtry, G.M. 107: 231
- McSween, H.Y., see Harvey, R.P. and McSween, H.Y. 111: 467
- Mello, G.A., see Schneider, D.A. et al. 111: 395
- Mendelsohn, M.J., see Boyd, S.R. et al. 109: 633
- Mertz, D.F., Devey, C.W., Todt, W., Stoffers, P. and Hofmann, A.W., Sr-Nd-Pb isotope evidence against plume-asthenosphere mixing north of Iceland 107: 243
- Middleton, R., see Fink, D. et al. 107: 115
- Milledge, H.J., see Boyd, S.R. et al. 108: 139
- Milledge, H.J., see Boyd, S.R. et al. 109: 633
- Mitouard, P., Laj, C., Mourier, T. and Kissel, C., Paleomagnetic study of an arcuate fold belt developed on a marginal orogen: The Cajamarca deflection, northern Peru 112: 41
- Mitsuzawa, K., see Kobayashi, K. et al. 109: 347
- Monaghan, M.C., McKean, J., Dietrich, W. and Klein, J., ^{10}Be chronometry of bedrock-to-soil conversion rates 111: 483
- Monma, H., see Kobayashi, K. et al. 109: 347
- Monod, O., see Lapiere, H. et al. 108: 61
- Montgomery, H., Pessagno, E., Soegaard, K., Smith, C., Muñoz, I. and Pessagno, J., Misconceptions concerning the Cretaceous/Tertiary boundary at the Brazos River, Falls County, Texas 109: 593
- Moore, G., see Taira, A. et al. 109: 431
- Moore, G.F., see MacKay, M.E. et al. 109: 477
- Moore, J.C., see MacKay, M.E. et al. 109: 477
- Moore, W.S., see O'Neill, D.J. et al. 110: 7
- Moore, W.S. and Dymond, J., Fluxes of ^{226}Ra and barium in the Pacific Ocean: The importance of boundary processes 107: 55
- Moran, A.E., Sisson, V.B. and Leeman, W.P., Boron depletion during progressive metamorphism: Implications for subduction processes 111: 331
- Moran, K., see Taira, A. et al. 109: 431
- Morden, S.J. and Collinson, D.W., The implications of the magnetism of ordinary chondrite meteorites 109: 185
- Morgan, J.P., see Cordery, M.J. and Morgan, J.P. 111: 493
- Morgan, J.W., Walker, R.J. and Grossman, J.N., Rhenium-osmium isotope systematics in meteorites I: Magmatic iron meteorite groups IIAB and IIIAB 108: 191
- Mourier, T., see Mitouard, P. et al. 112: 41
- Mrini, Z., see Gasquet, D. et al. 108: 29
- Mueller, P.A., see Müller, D.W. and Mueller, P.A. 107: 1
- Mulargia, F., see Marzocchi, W. et al. 111: 383

- Müller, D.W. and Mueller, P.A., Origin and age of the Mediterranean Messinian evaporites: implications from Sr isotopes 107: 1
- Muñoz, I., see Montgomery, H. et al. 109: 593
- Murata, F., see Otofuiji, Y. et al. 107: 369
- Murayama, M., see Kobayashi, K. et al. 109: 347
- Murrell, M.T., see Goldstein, S.J. et al. 107: 25
- Murrell, M.T., see Goldstein, S.J. et al. 109: 255
- Naka, J., see Kobayashi, K. et al. 109: 347
- Nakanishi, M., see Kobayashi, K. et al. 109: 347
- Natland, J.H., see Farley, K.A. et al. 111: 183
- Nesbitt, H.W., see MacRae, N.D. et al. 109: 585
- Nojiri, Y., see Igarashi, G. et al. 108: 11
- Notsu, K., see Sano, Y. et al. 107: 95
- Nyquist, L.E., see Shih, C.-Y. et al. 108: 203
- O'Neill, D.J., Todd, J.F. and Moore, W.S., ^{226}Ra in the Black Sea and Sea of Marmara 110: 7
- O'Nions, R.K., see Burton, K.W. and O'Nions, R.K. 107: 649
- Oeschger, H., see Chengde, S. et al. 109: 169
- Officer, C.B., see Lyons, J.B. and Officer, C.B. 109: 205
- Ogawa, Y., see Chamot-Rooke, N. et al. 109: 319
- Ogawa, Y., see Kobayashi, K. et al. 109: 347
- Ogawa, Y., see Sakai, H. et al. 109: 391
- Ogg, J.G. and Steiner, M.B., Early Triassic magnetic polarity time scale—integration of magnetostratigraphy, ammonite zonation and sequence stratigraphy from stratotype sections (Canadian Arctic Archipelago) 107: 69
- Okada, M., see Kobayashi, K. et al. 109: 347
- Okano, J., see Uyeda, C. et al. 107: 138
- Olafsson, G., see Taira, A. et al. 109: 431
- Olóriz, F., Rodríguez-Tovar, F.J., Chica-Olmo, M. and Pardo, E., The marl-limestone rhythmites from the Lower Kimmeridgian (Platynota Zone) of the central Prebetic and their relationship with variations in orbital parameters 111: 407
- Olson, P., see Larson, R.L. and Olson, P. 107: 437
- Opdyke, N.D., see Huang, K. and Opdyke, N.D. 112: 29
- Opdyke, N.D., see Huang, K. et al. 111: 1
- Ortiz, L.E., see Lapiere, H. et al. 108: 61
- Oshida, A., see Kobayashi, K. et al. 109: 347
- Osler, J.C. and Loudon, K.E., Crustal structure of an extinct rift axis in the Labrador Sea: preliminary results from a seismic refraction survey 108: 243
- Otofuiji, Y., Kadoi, J., Funahara, S., Murata, F. and Zheng, X., Paleomagnetic study of the Eocene Quxu pluton of the Gangdese Belt: Crustal deformation along the Indus-Zangbo suture zone in southern Tibet 107: 369
- Otsuka, K., see Kobayashi, K. et al. 109: 347
- Owens, W., see Taira, A. et al. 109: 431
- Ozima, M., see Igarashi, G. et al. 108: 11
- Palmer, M.R., Controls over the chloride concentration of submarine hydrothermal vent fluids: evidence from Sr/Ca and $^{87}\text{Sr}/^{86}\text{Sr}$ ratios 109: 37
- Papageorgiou, S., see Stiros, S.C. et al. 108: 109
- Pardo, E., see Olóriz, F. et al. 111: 407
- Parsons, B., see Goodwillie, A.M. and Parsons, B. 111: 123
- Parsons, I., see Burgess, R. et al. 109: 147
- Paruolo, P., see Marzocchi, W. et al. 111: 383
- Paul, M., see Herut, B. et al. 109: 179
- Pawley, A.R., Holloway, J.R. and McMillan, P.F., The effect of oxygen fugacity on the solubility of carbon-oxygen fluids in basaltic melt 110: 213
- Pegram, W.J. and Allègre, C.-J., Osmium isotopic compositions from oceanic basalts 111: 59
- Peng, X., see Huang, K. et al. 111: 1
- Pernicka, E., see Eisenhauer, A. et al. 109: 25
- Pessagno, E., see Montgomery, H. et al. 109: 593
- Pessagno, J., see Montgomery, H. et al. 109: 593
- Petit, J.-R., see Grousset, F.E. et al. 111: 175
- Phillips, R.J., see Smrekar, S.E. and Phillips, R.J. 107: 582

- Pickering, K., see Taira, A. et al. 109: 431
- Pillinger, C.T., see Boyd, S.R. et al. 108: 139
- Pillinger, C.T., see Boyd, S.R. et al. 109: 633
- Pineau, F., see Javoy, M. and Pineau, F. 107: 598
- Piper, J.D.A., The quasi-rigid premise in Precambrian tectonics 107: 559
- Pirazzoli, P.A., see Stiros, S.C. et al. 108: 109
- Platzman, E. and Lowrie, W., Paleomagnetic evidence for rotation of the Iberian Peninsula and the external Betic Cordillera, Southern Spain 108: 45
- Potts, R., see Tauxe, L. et al. 109: 561
- Puchelt, H., see Lonsdale, P. et al. 109: 73
- Puchelt, H., see Lonsdale, P. et al. 110: 246
- Puteanus, D., see Cheminée, J.-L. et al. 107: 318
- Pye, K., see Grousset, F.E. et al. 111: 175
- Pyle, D.G., Christie, D.M. and Mahoney, J.J., Resolving an isotopic boundary within the Australian-Antarctic Discordance 112: 161
- Pyle, D.M., The volume and residence time of magma beneath active volcanoes determined by decay-series disequilibrium methods 112: 61
- Qin, Zhenwei, Disequilibrium partial melting model and its implications for trace element fractionations during mantle melting 112: 75
- Quidelleur, X., Valet, J.-P. and Thouveny, N., Multicomponent magnetization in paleomagnetic records of reversals from continental sediments in Bolivia 111: 23
- Rainbird, R.H., see Heaman, L.M. et al. 109: 117
- Raisbeck, G.M., see Boulès, D.L. et al. 109: 47
- Rajan, S., see Krouse, H.R. et al. 107: 90
- Ramesh, R., see Krishnaswami, S. et al. 109: 243
- Ravizza, G. and Turekian, K.K., The osmium isotopic composition of organic-rich marine sediments 110: 1
- Raynaud, D., see Martinier, P. et al. 112: 1
- Reimold, W.U., Colliston, W.P. and Wallmach, T., Comment on "The nature, distribution and genesis of the coesite and stishovite associated with the pseudotachylite of the Vredefort Dome, South Africa" by J.E.J. Martini 112: 213
- Rejou-Michel, A., see Robert, F. et al. 108: 1
- Rengarajan, R., see Somayajulu, B.L.K. et al. 107: 197
- Revel, M., see Grousset, F.E. et al. 111: 175
- Ricard, Y., see Čadež, O. and Ricard, Y. 109: 621
- Ricchiuto, T., see Camerlenghi, A. et al. 109: 493
- Richnow, H., see Cheminée, J.-L. et al. 107: 318
- Richter, F.M., see Schrag, D.P. et al. 111: 305
- Richter, F.M., Rowley, D.B. and DePaolo, D.J., Sr isotopic evolution of seawater: the role of tectonics 109: 11
- Ringwood, A.E., Volatile and siderophile element geochemistry of the Moon: a reappraisal 111: 537
- Robert, F., Rejou-Michel, A. and Javoy, M., Oxygen isotope homogeneity of the Earth: new evidence 108: 1
- Robin, E., see Jéhanno, C. et al. 109: 229
- Robin, E., Boclet, D., Bonté, Ph., Froget, L., Jéhanno, C. and Rocchia, R., The stratigraphic distribution of Ni-rich spinels in Cretaceous-Tertiary boundary rocks at El Kef (Tunisia), Caravaca (Spain) and Hole 761C (Leg 122) 107: 715
- Robin, E., Bonté, Ph., Froget, L., Jéhanno, C. and Rocchia, R., Formation of spinels in cosmic objects during atmospheric entry: a clue to the Cretaceous-Tertiary boundary event 108: 181
- Rocchia, R., see Jéhanno, C. et al. 109: 229
- Rocchia, R., see Robin, E. et al. 108: 181
- Rocchia, R., see Robin, E. et al. 107: 715
- Rodríguez-Tovar, F.J., see Olóriz, F. et al. 111: 407
- Rona, P.A. and Trivett, D.A., Discrete and diffuse heat transfer at ASHES vent field, Axial Volcano, Juan de Fuca Ridge 109: 57
- Rowley, D.B., see Richter, F.M. et al. 109: 11
- Sakai, H., see Gamo, T. et al. 107: 328
- Sakai, H., see Gamo, T. et al. 109: 383
- Sakai, H., see Igarashi, G. et al. 108: 11
- Sakai, H., see Lallemand, S.E. et al. 109: 333
- Sakai, H., Gamo, T., Ogawa, Y. and Boulegue, J., Stable isotopic ratios and origins of the carbonates associated with cold seepage at the eastern Nankai Trough 109: 391

- Sandiford, M., Martin, N., Zhou, S. and Fraser, G., Mechanical consequences of granite emplacement during high-*T*, low-*P* metamorphism and the origin of "anticlockwise" *PT* paths 107: 164
- Sano, Y., Notsu, K., Igarashi, J. and Wakita, H., Secular variations in helium isotope ratios in an active volcano: Eruption and plug hypothesis 107: 95
- Sarin, M.M., see Krishnaswami, S. et al. 109: 243
- Schiano, P., Clocchiatti, R. and Joron, J.L., Melt and fluid inclusions in basalts and xenoliths from Tahaa Island, Society Archipelago: evidence for a metasomatized upper mantle 111: 69
- Schilling, J.-G., see Graham, D.W. et al. 110: 133
- Schneider, D.A., see Glass, B.P. et al. 107: 182
- Schneider, D.A., Kent, D.V. and Mello, G.A., A detailed chronology of the Australasian impact event, the Brunhes-Matuyama geomagnetic polarity reversal, and global climate change 111: 395
- Schrag, D.P., DePaolo, D.J. and Richter, F.M., Oxygen isotope exchange in a two-layer model of oceanic crust 111: 305
- Schultheiss, P., see Chamot-Rooke, N. et al. 109: 319
- Schultheiss, P., see Henry, P. et al. 109: 355
- Seal, M., see Boyd, S.R. et al. 109: 633
- Seal, M.J., see Boyd, S.R. et al. 108: 139
- Sedwick, P., see Cheminée, J.-L. et al. 107: 318
- Segawa, J., see Chamot-Rooke, N. et al. 109: 319
- Segawa, J. and Toh, H., Detecting fluid circulation by electric field variations at the Nanlai Trough 109: 469
- Sempéré, J.-C., High-magnetization zones near spreading center discontinuities 107: 389
- Sharma, K.K., see Krishnaswami, S. et al. 109: 243
- Sharp, Z.D., Giletti, B.J. and Yoder, Jr., H.S., Oxygen diffusion rates in quartz exchanged with CO₂ 107: 339
- Sheppard, D.S., see Le Cloarec, M.F. et al. 108: 19
- Sherrell, R.M. and Boyle, E.A., The trace metal composition of suspended particles in the oceanic water column near Bermuda 111: 155
- Shibuya, H., Cassidy, J., Smith, I.E.M. and Itaya, T., A geomagnetic excursion in the Brunhes epoch recorded in New Zealand basalts 111: 41
- Shih, C.-Y., Nyquist, L.E., Bansal, B.M. and Wiesmann, H., Rb-Sr and Sm-Nd chronology of an Apollo 17 KREEP basalt 108: 203
- Shima, N., see Kobayashi, K. et al. 109: 347
- Shimizu, H., see Amakawa, H. et al. 111: 563
- Shitashima, K., see Gamo, T. et al. 107: 328
- Shitashima, K., see Gamo, T. et al. 109: 383
- Sibuet, M., see Chamot-Rooke, N. et al. 109: 319
- Sibuet, M., see Henry, P. et al. 109: 355
- Sibuet, M., see Lallemand, S.E. et al. 109: 333
- Siena, F., see Taira, A. et al. 109: 431
- Sigmarrsson, O., Condomines, M. and Fourcade, S., Mantle and crustal contribution in the genesis of recent basalts from off-rift zones in Iceland: Constraints from Th, Sr and O isotopes 110: 149
- Sigurdsson, H., D'Hondt, S. and Carey, S., The impact of the Cretaceous/Tertiary bolide on evaporite terrane and generation of major sulfuric acid aerosol 109: 543
- Simon, S.B. and Grossman, L., Low-temperature exsolution in refractory siderophile element-rich opaque assemblages from the Leoville carbonaceous chondrite 110: 67
- Sisson, V.B., see Moran, A.E. et al. 111: 331
- Smith, C., see Montgomery, H. et al. 109: 593
- Smith, G.R., see Koch, P.L. et al. 108: 277
- Smith, I.E.M., see Shibuya, H. et al. 111: 41
- Smith, P.E., Farquhar, R.M. and Hancock, R.G., Direct radiometric age determination of carbonate diagenesis using U-Pb in secondary calcite (erratum) 107: 434
- Smrekar, S.E. and Phillips, R.J., Venusian highlands: geoid to topography ratios and their implications 107: 582
- Sobel, H., see Ajie, H.O. et al. 107: 380
- Soegaard, K., see Montgomery, H. et al. 109: 593
- Soh, W., see Kobayashi, K. et al. 109: 347
- Somayajulu, B.L.K., Rengarajan, R., Lal, D. and Craig, H., GEOSECS Pacific and Indian Ocean ³²Si profiles 107: 197
- Sonder, L.J. and Chamberlain, C.P., Tectonic controls of metamorphic field gradients 111: 517
- Songshan, W., see Turner, G. and Songshan, W. 110: 193
- Spiegelman, M. and Kenyon, P., The requirements for chemical disequilibrium during magma migration 109: 611
- Spohn, T., see Hort, M. and Spohn, T. 107: 463

- Starinsky, A., see Herut, B. et al. 109: 179
- Staudigel, H. and King, S.D., Ultrafast subduction: the key to slab recycling efficiency and mantle differentiation? 109: 517
- Stearley, R.F., see Koch, P.L. et al. 108: 277
- Steiner, M.B., see Ogg, J.G. and Steiner, M.B. 107: 69
- Stern, T.A., see Holt, W.E. and Stern, T.A. 107: 523
- Stiros, S.C., Arnold, M., Pirazzoli, P.A., Laborel, J., Laborel, F. and Papageorgiou, S., Historical coseismic uplift on Euboea Island, Greece 108: 109
- Stoffers, P., see Cheminée, J.-L. et al. 107: 318
- Stoffers, P., see Mertz, D.F. et al. 107: 243
- Stolper, E.M., see Zhang, Y. et al. 109: 273
- Stone, J., Hutcheon, I.D., Epstein, S. and Wasserburg, G.J., Correlated Si isotope anomalies and large ^{13}C enrichments in a family of exotic SiC grains 107: 570
- Sugiura, N. and Hashizume, K., Nitrogen isotope anomalies in primitive ordinary chondrites 111: 441
- Sun, S.s., see Chung, S.-L. and Sun, S.s. 109: 133
- Suter, M., see Chengde, S. et al. 109: 169
- Sweeney, R.J., Falloon, T.J., Green, D.H. and Tatsumi, Y., The mantle origins of Karoo picrites 107: 256
- Taira, A., see Lallemand, S.E. et al. 109: 333
- Taira, A., Hill, I., Firth, J., Berner, U., Brückmann, W., Byrne, T., Chabernaud, T., Fisher, A., Foucher, J.-P., Gamo, T., Gieskes, J., Hyndman, R., Karig, D., Kastner, M., Kato, Y., Lallemand, S., Lu, R., Maltman, A., Moore, G., Moran, K., Olafsson, G., Owens, W., Pickering, K., Siena, F., Taylor, E., Underwood, M., Wilkinson, C., Yamano, M. and Zhang, J., Sediment deformation and hydrogeology of the Nankai Trough accretionary prism: Synthesis of shipboard results of ODP Leg 131 109: 431
- Takeuchi, A., see Chamot-Rooke, N. et al. 109: 319
- Takeuchi, A., see Kobayashi, K. et al. 109: 347
- Talbot, M.R. and Johannessen, T., A high resolution palaeoclimatic record for the last 27,500 years in tropical West Africa from the carbon and nitrogen isotopic composition of lacustrine organic matter 110: 23
- Tanoue, E., Vertical distribution of dissolved organic carbon in the North Pacific as determined by the high-temperature 111: 201
- Tapponnier, P., see Arnaud, N.O. et al. 111: 351
- Tarits, P., see Chamot-Rooke, N. et al. 109: 319
- Tarits, P., see Henry, P. et al. 109: 355
- Tatsumi, Y., see Sweeney, R.J. et al. 107: 256
- Tauxe, L., see Glass, B.P. et al. 107: 182
- Tauxe, L., Deino, A.D., Behrensmeyer, A.K. and Potts, R., Pinning down the Brunhes/Matuyama and upper Jaramillo boundaries: a reconciliation of orbital and isotopic time scales 109: 561
- Taylor, E., see Taira, A. et al. 109: 431
- Thompson, G., see Chan, L.H. et al. 108: 151
- Thompson, G., see Graham, D.W. et al. 110: 133
- Thomson, R.E., Delaney, J.R., McDuff, R.E., Janecky, D.R. and McClain, J.S., Physical characteristics of the Endeavour Ridge hydrothermal plume during July 1988 111: 141
- Thouveny, N., see Quidelleur, X. et al. 111: 23
- Todd, J.F., see O'Neill, D.J. et al. 110: 7
- Todt, W., see Mertz, D.F. et al. 107: 243
- Toh, H., see Segawa, J. and Toh, H. 109: 469
- Tokuyama, H., see Chamot-Rooke, N. et al. 109: 319
- Torné, M., Banda, E., García-Dueñas, V. and Balanyá, J.C., Mantle-lithosphere bodies in the Alboran crustal domain (Ronda peridotites, Betic-Rif orogenic belt) 110: 163
- Traxel, K., see Jessberger, E.K. et al. 112: 91
- Trivedi, J.R., see Krishnaswami, S. et al. 109: 243
- Trivett, D.A., see Rona, P.A. and Trivett, D.A. 109: 57
- Trønnes, R.D., Canil, D. and Wei, K., Element partitioning between silicate minerals and coexisting melts at pressures of 1-27 GPa, and implications for mantle evolution 111: 241
- Tschiyama, A., see Uyeda, C. et al. 107: 138
- Tungsheng, L., see Chengde, S. et al. 109: 169
- Turekian, K.K., see Ravizza, G. and Turekian, K.K. 110: 1
- Turner, G., see Kelley, S.P. and Turner, G. 107: 634
- Turner, G. and Songshan, W., Excess argon, crustal fluids and apparent isochrons from crushing K-feldspar 110: 193
- Turpiti, L., see Jéhanho, C. et al. 109: 229
- Tuttas, D., see Wendt, I. et al. 107: 618

- Underwood, M., see Taira, A. et al. 109: 431
- Uyeda, C., Tsuchiyama, A. and Okano, J., Magnesium isotope fractionation of silicates produced in condensation experiments 107: 138
- Valet, J.-P., see Quidelleur, X. et al. 111: 23
- Valley, J.W., see Cartwright, I. and Valley, J.W. 107: 148
- van den Berg, A., see van Keken, P. et al. 112: 179
- van Keken, P., Yuen, D.A. and van den Berg, A., Pulsating diapiric flows: Consequences of vertical variations in mantle creep laws 112: 179
- Veeh, H.H., see Ayliffe, L.K. et al. 108: 119
- Vénec-Peyré, M.-T., Boulègue, J. and Lallemand, S.E., Vent activity in a subduction area (Nankai wedge): The foraminiferal record 109: 405
- Vera, E.E., see Lorenzo, J.M. and Vera, E.E. 108: 79
- Verhallen, P.J.J.M., see Zijdeveld, J.D.A. et al. 107: 697
- Vidal, P., see Chauvel, C. et al. 110: 99
- Vidal, P., see Gasquet, D. et al. 108: 29
- Vidal, Ph., see Arnaud, N.O. et al. 111: 351
- Vilotte, J.P., see Chéry, J. et al. 112: 195
- Vogt, S., see Fink, D. et al. 107: 115
- Vollmer, R., On the origin of the Italian potassic magmas: a one-dimensional diffusion-controlled model of source metasomatism 107: 487
- Volpe, A.M. and Hammond, P.E., ^{238}U - ^{230}Th - ^{226}Ra disequilibrium in young Mount St. Helens rocks: time constraint for magma formation and crystallization 107: 475
- Wakita, H., see Sano, Y. et al. 107: 95
- Walker, F.D.L., see Burgess, R. et al. 109: 147
- Walker, R.J., see Morgan, J.W. et al. 108: 191
- Wallmach, T., see Reimold, W.U. et al. 112: 213
- Walter, L.M., see Koch, P.L. et al. 108: 277
- Warren, P.H., Inheritance of silicate differentiation during lunar origin by giant impact 112: 101
- Wasilewski, P.J., see Mayhew, M.A. et al. 107: 515
- Wasserburg, G.J., see Banner, J.L. et al. 107: 129
- Wasserburg, G.J., see Banner, J.L. et al. 108: 307
- Wasserburg, G.J., see Stone, J. et al. 107: 570
- Wasserburg, G.J., see Zhang, Y. et al. 109: 273
- Watanabe, M., see Kobayashi, K. et al. 109: 347
- Watson, E.B., see Brenan, J.M. and Watson, E.B. 107: 672
- Wedepohl, K.H., see Ionov, D.A. et al. 111: 269
- Wei, K., see Trønnes, R.D. et al. 111: 241
- Weinberg, R.F., Internal circulation in a buoyant two-fluid Newtonian sphere: implications for composed magmatic diapirs 110: 77
- Wendt, I., Carl, C., Habfast, K., Tuttas, D. and Wendt, J.I., Complete Pb/U analysis of unspiked samples by measuring Pb isotopes only 107: 618
- Wendt, J.I., see Wendt, I. et al. 107: 618
- White, W.M., see Keller, R.A. et al. 111: 287
- Wickham, S.M., see Grunder, A.L. and Wickham, S.M. 107: 416
- Wiechert, U., see Ionov, D.A. et al. 111: 269
- Wiesmann, H., see Shih, C.-Y. et al. 108: 203
- Wijbrans, J.R., see De Jong, K. et al. 110: 173
- Wilkinson, C., see Taira, A. et al. 109: 431
- Williams, R.W., Collerson, K.D., Gill, J.B. and Deniel, C., High Th/U ratios in subcontinental lithospheric mantle: mass spectrometric measurement of Th isotopes in Gaussberg lamproites 111: 257
- Wilson, L. and Keil, K., Consequences of explosive eruptions on small Solar System bodies: the case of the missing basalts on the aubrite parent body (erratum) 107: 432
- Wlotzka, F., see Ireland, T.R. and Wlotzka, F. 109: 1
- Wöflfi, W., see Chengde, S. et al. 109: 169
- Woods, A.W. and Delaney, J.R., The heat and fluid transfer associated with the flanges on hydrothermal venting structures 112: 117
- Worden, R.H., see Burgess, R. et al. 109: 147

- Yamagata, T., see Kobayashi, K. et al. 109: 347
Yamaji, A., Periodic hotspot distribution and small-scale convection in the upper mantle 109: 107
Yamano, M., see Hyndman, R.D. et al. 109: 289
Yamano, M., see Taira, A. et al. 109: 431
Yamano, M., Foucher, J.-P., Kinoshita, M., Fisher, A. and Hyndman, R.D., Heat flow and fluid flow regime in the western Nankai accretionary prism 109: 451
Yaxley, G.M., Crawford, A.J. and Green, D.H., Evidence for carbonatite metasomatism in spinel peridotite xenoliths from western Victoria, Australia arc and basin magmas of the Philippine tectonic plate 107: 305
Yiou, F., see Bourlès, D.L. et al. 109: 47
Yoder, Jr., H.S., see Sharp, Z.D. et al. 107: 339
Yuen, D.A., see van Keken, P. et al. 112: 179

Zachariasse, W.J., see Zijderfeld, J.D.A. et al. 107: 697
Zhang, J., see Taira, A. et al. 109: 431
Zhang, Y., Stolper, E.M. and Wasserburg, G.J., Diffusion of a multi-species component and its role in oxygen and water transport in silicates (erratum) 109: 273
Zheng, X., see Otofujii, Y. et al. 107: 369
Zhou, S., see Sandiford, M. et al. 107: 164
Zijderfeld, J.D.A., Hilgen, F.J., Langereis, C.G., Verhallen, P.J.J.M. and Zachariasse, W.J., Integrated magnetostratigraphy and biostratigraphy of the upper Pliocene-lower Pleistocene from the Monte Singa and Crotone areas in Calabria, Italy 107: 697
Zimmermann, J.-L., see Lapierre, H. et al. 108: 61

